

20020303.qrp v02_n483.qrl.20020303

Date: Sun, 3 Mar 2002 19:03:08 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2483

QRP-L Digest 2483

Topics covered in this issue include:

- 1) [121153] Re: Good story about DX pile-ups on ARRL site...
by "George, W5YR" <w5yr@att.net>
- 2) [121154] ARS Spint FAT TUE STYLE
by "Rod N0RC" <rod@n0rc.com>
- 3) [121155] R.S. Discone Ant (50 mhz to 1.2 Ghz) Observations
by ve3ab@mail.mondenet.com
- 4) [121156] Cub Fox Web Page
by "Karl F. Larsen" <k5di@zianet.com>
- 5) [121157] Disregard this post
by "N3BJ" <alanfryer@msn.com>
- 6) [121158] Re: Cub Fox Web Page
by "George, W5YR" <w5yr@att.net>
- 7) [121159] RE: Caution with list...
by "Tracy Markham" <tracy@bytemark.com>
- 8) [121160] Tick Confessions
by "James R. Duffey" <jamesd1@flash.net>
- 9) [121161] question
by <jfox6@houston.rr.com>
- 10) [121162] Re: question
by "Paul Christensen" <w9ac@arrl.net>
- 11) [121163] Re: S-meters, units and dB
by Jake Brodsky <frussle@erols.com>
- 12) [121164] China
by Bob Welch <p326@earthlink.net>
- 13) [121165] TX Project - Manhattan-style
by David Gauding <david.gauding@bbs.galilei.com>
- 14) [121166] ARRL DX Contest
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 15) [121167] Re: question
by "Brad Hernlem" <alihernlem@hotmail.com>
- 16) [121168] Re: Hidden antenna story (longish)
by "Adrian Weiss" <aweiss@usd.edu>
- 17) [121169] 30m 2002 DX so Far
by "Adrian Weiss" <aweiss@usd.edu>
- 18) [121170] A DOS problem while QRP Contesting!
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 19) [121171] ARRL DX: Great Condx

- by "K7FD N7SG" <k7fd@hotmail.com>
- 20) [121172] Re: ArkieCon new speaker!!
by "G3MFJ" <g3mfj@btinternet.com>
- 21) [121173] Koch Method CW Trainer
by "Ray Goff" <radioham@gmx.co.uk>
- 22) [121174] Atomic Clock
by "George Reeves" <reeves@abraxis.com>
- 23) [121175] NortCal Cap Kit arrives in the back woods of OR
by "Sparky" <lou@harborside.com>
- 24) [121176] FS: SST-30
by "N3BJ" <alanfryer@msn.com>
- 25) [121177] Re: Atomic Clock
by "John J. McDonough" <wb8rcr@arrl.net>
- 26) [121178] Re: TX Project - Manhattan-style
by David Gauding <david.gauding@bbs.galilei.com>
- 27) [121179] Re: 30m 2002 DX so Far
by "Rod N0RC" <rod@n0rc.com>
- 28) [121180] Re: [NJQRP] Bklyn boy needs to cross river...
by "Larry Przyborowski" <k3peg@yahoo.com>
- 29) [121181] Re: 30m 2002 DX so Far
by w2agn@pobox.com (John Sielke)
- 30) [121182] RE: Keyer question - Slow Vs Fast Keying - comment
by "Brian B. Riley \ (N1BQ\) ListAcct" <n1bq_list@wulfdn.org>
- 31) [121183] Mongolia on 2 watts!
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 32) [121184] For Sale
by Roy <marion@montana.com>
- 33) [121185] Re: NortCal Cap Kit arrives in the back woods of OR
by "Lee Mairs" <lmairs@cox.rr.com>
- 34) [121186] ugly??
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 35) [121187] Selling, trading, looking.
by "Bob Wasylik" <kg4eca@earthlink.net>
- 36) [121188] Re: ugly??
by "Mike Yetsko" <myetsko@insydesw.com>
- 37) [121189] Re: 30m 2002 DX so Far
by "Larry Spinner" <n2icz@hotmail.com>
- 38) [121190] Norcal capacitor kit arrives
by "Larry Przyborowski" <k3peg@yahoo.com>
- 39) [121191] Re: ugly??
by "John J. McDonough" <wb8rcr@arrl.net>
- 40) [121192] Cub Fox Data
by "Karl F. Larsen" <k5di@zianet.com>
- 41) [121193] Re: ugly??
by "Ingo, DK3RED" <dk3red@t-online.de>
- 42) [121194] Re: ugly??
by "blinn" <blinn@smgazette.com>
- 43) [121195] Re: Keyer question - Slow Vs Fast Keying - comment

- by "George, W5YR" <w5yr@att.net>
- 44) [121196] Re: [GQRP] Re: O.T. - Sprat C.D.
by Stewart Bryant <stewart.bryant@virgin.net>
- 45) [121197] QQ status + New Editor Named - Mike Goins, WB5YJX
by "Joe Spencer" <kk5na@quadj.com>
- 46) [121198] Keys for sale
by Roy <marion@montana.com>
- 47) [121199] For Sale
by "Bob Wasylik" <kg4eca@earthlink.net>
- 48) [121200] AEA dx handy For Sale
by Roy <marion@montana.com>
- 49) [121201] Re: 40673's
by Bill Coleman <aa4lr@arrl.net>
- 50) [121202] Re: ugly??
by "John Fletcher" <johnf@innotts.co.uk>
- 51) [121203] Re: 30m 2002 DX so Far
by brickle <brickle@pobox.com>
- 52) [121204] ARRL DX: 100!
by "K7FD N7SG" <k7fd@hotmail.com>
- 53) [121205] coax
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 54) [121206] On the air again . . . and that TDA1072 thing
by nilsbull@juno.com
- 55) [121207] Discone Summary..tnx to all who responded(VHF/UHFQRP)
by ve3ab@mail.mondenet.com
- 56) [121208] Re: 40673's
by "Harold Smith" <harold.smith1@worldnet.att.net>
- 57) [121209] Oscilloscope Elmer needed in the Denver area! (I'll bring Lunch!)
by "Tom Little" <n0dsp@msn.com>
- 58) [121210] SST-30 Sold
by "N3BJ" <alanfryer@msn.com>
- 59) [121211] Open Wire Transmission Line
by "George Reeves" <reeves@abraxis.com>
- 60) [121212] Help on setting up my first station.
by "KD5NWA" <KD5NWA@mbayona.com>
- 61) [121213] Re: Open Wire Transmission Line
by "Jeff Davis" <n9avg@att.net>

Date: Sat, 02 Mar 2002 18:01:51 -0600
From: "George, W5YR" <w5yr@att.net>
To: rod@n0rc.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121153] Re: Good story about DX pile-ups on ARRL site...
Message-ID: <3C8167EF.12F4873E@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Judging from last Thursday evening, the QRPer may not be heard by a lot of other QRPers!

<:}

72/73/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

Rod N0RC wrote:

>

> It is quite possible that the QRPer may not be heard by the DXer.

> Especially on 40m.

Date: Sat, 2 Mar 2002 17:22:49 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121154] ARS Spint FAT TUE STYLE
Message-ID: <000d01c1c249\$8d50abc0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ok, Mardi Gras is over, but not by that much. So this Mon I will celebrate [belated] by working the ARS Sprint with the 746pro. The rig, power supply, key...etc. probably tip the scale at 30-40lbs! And I'll be running a full 5W. Hey, I did say Fat Tue style! ;-) Also for the first 10-15min, I'll be looking for QSOs on 10 & 15.

"...Hey is that a jumbo jet, no it's big Al comin' to but a Hurt on you...", Dr. John.

73, Rod N0RC
Ft Collins, CO

Date: Sat, 2 Mar 2002 19:38:23 +0000
From: ve3ab@mail.mondenet.com
To: qrp-l@Lehigh.edu
Subject: [121155] R.S. Discone Ant (50 mhz to 1.2 Ghz) Observations
Message-ID: <200203030046.g230kGZ20318@genesis.dmz.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Just finished putting together the Commercially Available Discone for VHF/UHF. Its being discontinued up here in Canada and price is 50% off..so I went for it. Of course it would be interesting to scale the design and try it on HF!..It would be nice to have an antenna that is flat SWR and needs very little trimming etc..also reasonably efficient. I plan to put it up on the tower this spring on a yardarm off the tower and below the HF beam. One thing though..It might be a bit flimsy and a good wind could perhaps do some damage to it. Anyone else have some observations?- It is more like a skeleton discone. The skirt and the "top hat" are each 8 spokes and the 50 mhz vertical is (I think) a quarter wave whip..on top of the discone)..anyways ..should be interesting to play with..73 Earl VE3AB

Date: Sat, 2 Mar 2002 18:12:52 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [121156] Cub Fox Web Page
Message-ID: <Pine.LNX.4.33.0203021807480.1767-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm sorry about being late getting the data right but it's been a very BAD DAY!!!! My printer stopped working right, I put the wrong guy into the wrong date and got everything boched up. The toilet backed up and took it to the alley and cleaned it out. It now works much better. Linux has been bad to me for about 3 days and the vfo I just built doesn't oscillate, the TiCK4 doesn't all fit in the box I bought, and I can't get X windows to work on my IBM Laptop again.

Things are BAD!

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Sat, 2 Mar 2002 21:05:46 -0500
From: "N3BJ" <alanfryer@msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121157] Disregard this post
Message-ID: <004401c1c257\$f06e7a80\$5a47d043@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a test

Date: Sat, 02 Mar 2002 20:11:19 -0600
From: "George, W5YR" <w5yr@att.net>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121158] Re: Cub Fox Web Page
Message-ID: <3C818647.53A665CE@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl, I guess the only thing QRP is your luck . . .

Maybe things will turn around for your Tuesday!

Good Hunting!

72/73/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

"Karl F. Larsen" wrote:

>

> I'm sorry about being late getting the data right but it's been a
> very BAD DAY!!!! My printer stopped working right, I put the wrong guy
> into the wrong date and got everything boched up. The toilet backed up and

> took it to the alley and cleaned it out. It now works much better. Linux
> has been bad to me for about 3 days and the vfo I just built doesn't
> oscillate, the TiCK4 doesn't all fit in the box I bought, and I can't get
> X windows to work on my IBM Laptop again.
>
> Things are BAD!

Date: Sat, 2 Mar 2002 18:45:33 -0500
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>, <lenrev@ameritech.net>
Subject: [121159] RE: Caution with list...
Message-ID: <NFBBKLDHALEHCJMAJPKFGEEKCAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I usually go to networksolutions.com, do a whois lookup, and send the spam
to the administrative contact email!!!

THAT works .. many times I get a nasty or thankful email back, but at least
the administrator then knows what's going on. Many times they tell me
they've killed the offenders account.

Problem is, the offenders do their damage and move on to another 'free'
account. Also, a lot of these guys know how to spoof the email headers to
make it look like the mail come from somewhere it didn't
Tracy N4LGH

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Len
Revelle
Sent: Saturday, March 02, 2002 12:06 AM
To: Low Power Amateur Radio Discussion
Subject: RE: Caution with list...

arrl.net is often used to propagate spam. I'm about to turn mine off again.

When I recognize a repeat offender from the header, I check for a web page
at the same domain and resend their spam to him. Maybe it doesn't accomplish
anything but self-satisfaction but that's something, I guess.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
Mike Yetsko

Sent: Friday, March 01, 2002 6:09 PM
To: Low Power Amateur Radio Discussion
Subject: Caution with list...

Just a caution.

Seems a 'SPAMer' has harvested my email either from this list or one other I belong to that is also HAM related. I'm not 100% sure of this, but it appears so.

The reason I'm sending this as a caution to the list is the tactic is to 'verify' the email address first, by sending an email saying something like 'thanks for the great time at lunch'.

I believe they are just waiting for you to respond to the email saying "What the ...???" and now the email address is verified.

I don't answer ANY unsolicited emails. Well, I do, but not with a valid email account!

Mike

Date: Sat, 02 Mar 2002 20:22:58 +0000
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-l@lehigh.edu>
Subject: [121160] Tick Confessions
Message-ID: <B8A6E521.12597%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Well, I have two TICK keyers. And I paid for neither. I won one at a QRP gathering, and the second was donated to a mass build it project at Ft.Tuthill several years ago. Tick donated 20 or more surface mount kits to anyone who would build them at the hamfest. That generated a lot of interest and convinced several of us that we could build SMT.

I did fire off an e-mail to TICK both times thanking them. I met Gary and Brad at Pacificon in 1998 (?) and bought them both a beer. I saw Gary a year later and bought him another beer. Not equal payment, but we all had a good time.

TICK supports QRPers. We need that. And we need all of the small QRP

corporations that provide us with those must have kits and components. If they operated on the same basis the company I work for, that is to maximize profit, we wouldn't have any of them. So thank them and give them your business, and thank whatever ultimate power you believe in that people go into business for reasons other than to make a profit. - Dr. Megacycle
KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sat, 2 Mar 2002 21:36:53 -0600
From: <jfox6@houston.rr.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [121161] question
Message-ID: <00c101c1c264\$ac7a5120\$9902a8c0@houston.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Regarding Op Amps, what is meant by Output "Rail to Rail?"

Foxy

jfox6@houston.rr.com
<http://www.qsl.net/w5hir>

Date: Sat, 2 Mar 2002 22:52:16 -0500
From: "Paul Christensen" <w9ac@arrl.net>
To: <jfox6@houston.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121162] Re: question
Message-ID: <003001c1c266\$cfe18280\$7a01a8c0@se.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It means the op-amp is capable of an amplitude "swing" from the potential of one power supply rail to the other. Generally, an op-amp is powered from a bi-polar power supply; the power supply has a positive rail and a negative rail. Typical op-amp supply voltages range between 5 and 22 volts.

For example, assume that the op-amp is functioning as an audio amplifier. An op-amp whose supply voltage is ± 15 volts can produce a maximum sine wave at its output of 30Vp-p. This maximum output is termed "rail-to-rail," again owing to the maximum output limitation based on the power supply voltage.

----- Original Message -----

Subject: question

 \succ

Content-Transfer-Encoding: quoted-printable

>very carelessly.

And don't get me started about dBi, dBd, dBm, dBm, dBA, dBmV, dBmC0...

: ->

72,

Jake Brodsky, AB3A <mailto:frussle@erols.com>
"Beware of the massive impossible!"

Date: Sat, 02 Mar 2002 20:45:01 -0800
From: Bob Welch <p326@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [121164] China
Message-ID: <3C81AA4D.80C88455@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bd5RI China is on 28.418 right now. solid contact .

Bob

Date: Sat, 02 Mar 2002 22:44:24 -0600
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-1@lehigh.edu
Subject: [121165] TX Project - Manhattan-style
Message-ID: <5.1.0.14.0.20020302205611.00a9bec0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Good morning,

A month ago, I built a Doug DeMaw "Mighty-Mite" for 40CW from pg. 111 of W1FB's QRP Notebook. The impetus was working K9IS several times while Steve was enthusiastically using the identical project. I would like to suggest it to anyone looking for a low-cost, easily-built homebrew transmitter. And, getting feet-wet in manhattan-type construction.

The simplified circuit requires only sixteen board-mounted parts and six connectors/controls, for a full-house version. For C1, I used the oscillator section of a poly-varicon cap instead of the specified compression trimmer. It's quite stable and provides 2kc plus coverage with

an HC-49 xtal.

This is a one transistor rig - a 2N4401 putting out 70mW but de-tuned to 50mW with C1. Nice note too - very sweet and no heat-sinking is needed! <g> Antenna switching is via a DPDT switch. That will be swapped out for a W7ZOI/W7EL diode-switched circuit eventually.

The project is tucked into a 2 x 2-1/2 x 1-1/8 inch doubled-sided pcb case. Parts are mounted vertically where possible and there is a room to spare. I used strips of circuit board material for manhattan pad stock and trimmed them to size with a side-cutters.

The transmitter has logged six states at 50mW. It's teamed with a Corsair I and a portable St. Louis Express Vertical over St. Louis Radials. Time permitting the state count will increase.

My complete parts list follows. Good luck if you want to give this project a try and perhaps dabble a bit in milliwatting. I don't think you will be disappointed.

Regards,

de Dave, NF0R nf0r@slacc.com

C1 100 pf poly-varicon with knob
C2 4.7uf @16V electrolytic
C3 100 pf mica compression trimmer
C4 150 pf
2 ea. 0.1
1 ea 150 ohm
1 ea. 33K
2 ea. 15K
RFC1 22uh choke (or FT50-61 - 18T #26)
L1 T50-2 - 30T #26
Q1 2N4401
Y1 7 Mhz xtal (HC-6 or HC-49 pkg.)
1 ea. DPDT toggle switch (t-r)
1 ea. BNC (antenna)
1 ea. BNC insulated (rx antenna)
1 ea. coaxial jack & plug (power)
1 ea. RCA jack (key)
1 ea. SPST pushbutton switch (spot)

Date: Sat, 2 Mar 2002 21:31:54 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121166] ARRL DX Contest
Message-ID: <000f01c1c274\$bb5ccaa0\$af25cd18@charterpipeline.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you're not in it, you ought to be.

I'm only working 10M, and only limited effort, but I have worked about 75
stations/15 DXCC countries running QRP on FT-817 during a 3-hour period S and P.

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Sun, 03 Mar 2002 05:33:30
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [121167] Re: question
Message-ID: <F46kCipPoHqtWfYeMvL0000596f@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

It is worth mentioning that "most" op amps DON'T swing rail to rail.
If you look at the circuit inside an op amp you will typically see that
there are one or two diode drops between the rails and the output if the
circuit uses bipolar devices in the output. A rail to rail op amp is
specifically designed to make the full swing (perhaps using MOSFETs) at
least into a relatively high impedance load.

Brad KG6IOE

Paul Christensen (w9ac@arrl.net) wrote:

>It means the op-amp is capable of an amplitude "swing" from the potential
>of
>one power supply rail to the other. Generally, an op-amp is powered from a
>bi-polar power supply; the power supply has a positive rail and a negative
>rail. Typical op-amp supply voltages range between 5 and 22 volts.
>However, the "rail-to-rail" potential is double that or...10V to 44V.

>For example, assume that the op-amp is functioning as an audio amplifier.
>An op-amp whose supply voltage is +/- 15 volts can produce a maximum sine
>wave at its output of 30Vp-p. This maximum output is termed
>"rail-to-rail,"
>again owing to the maximum output limitation based on the power supply
>voltage.

>-Paul, W9AC

>----- Original Message -----

>From: <jfox6@houston.rr.com>

>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

>Sent: Saturday, March 02, 2002 22:36 PM

>Subject: question

>>Regarding Op Amps, what is meant by Output "Rail to Rail?"

>>

>>Foxy

Join the world's largest e-mail service with MSN Hotmail.

<http://www.hotmail.com>

Date: Sun, 03 Mar 2002 08:23:38 GMT

From: "Adrian Weiss" <aweiss@usd.edu>

To: qrp-l@Lehigh.EDU

Subject: [121168] Re: Hidden antenna story (longish)

Message-ID: <GSDWEZ03.BG8@mail.usd.edu>

Hi all:

Here's my "fun" story. One summer while doing research at Oxford

I bunked in a woman's dorm (mainly empty :(I checked in on the 6th floor with 2 more above. I had a clear shot across the alley at the end of the building to a garage roof. So, I figured my best bet was a off-center-fed-whatever-reached. One wire went up onto the roof and around it a bit; the other went down at about 60deg to the garage roof. Tuned easily. I had some good 20m DX with my +30DBM xcvr at 2w out. Then one day I came home and the vert. wire was severed where it went thru the window. Couldn't find it anywhere down below. So, I slung another wire down and got on the air. This time, during a QSO, the @#\$\$ wire started pulling the rig off the table until I grabbed it. I opened the window and looked down, and there was a groundcrew guy yanking at it. I yanked back. He finally got the best of me and down it went. Boy was I _____!

An hour later, a knock comes on the door and this prissy school-marm type is standing there with this roll of wire in her hand, snootily inquiring as to whether this belonged to me. I said "sure" and reached for it -- bad move space captain! She yanked it away, and then went into this harangue about regulations and who did I think I was and did a regular mom-style riot act. What stopped me was the threat that I would be expelled from the premises if any more of this nonsense was detected. She had me dead to rights! So, from long experience with my mother, I put on the sheepdog mope and humbly said "yes mam, never never again!"

As usual, I was lying thru my teeth. No sooner had I watched her walk away thru the window, but I was back up on the roof running another wire up and around the other quadrant of the roof -- a sort of loop. That worked until I left. I took it with me. Man, she'd have had an APB from Scotland Yard out on me if she'd have found that!

72, Ade W0RSP

Date: Sun, 03 Mar 2002 08:34:17 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-l@Lehigh.EDU
Subject: [121169] 30m 2002 DX so Far
Message-ID: <GSDWWQ03.5E6@mail.usd.edu>

Hi all:

Was catching up on my computer logging last night. I've been periodically encouraging DX efforts on 30m. Here's what I

have so far as of Mar. 2

100 QSOs in 54 countries.

Some nights are fantastic -- tonight I turned on at 0510 and worked in quick succession US2IR, UR8LA, YL2DZ, and ES1WN. They were good 56/7 and ES1WN a real 589. 9A1CYY has been calling, also 589.

Last night, ES1WN was like around 54/55. The F2 contours are constantly realigning across the season and sometimes everything comes together for an excellent path to an area.

The A-Index has been around 6-8!! that's like no geomag activity and very quiet.

Give it a try!

72, Ade W0RSP

Date: Sat, 2 Mar 2002 22:48:52 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121170] A DOS problem while QRP Contesting!
Message-ID: <003001c1c27f\$7c2ddc60\$af25cd18@charterpipeline.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

From: "Alan Kaul" <alan.kaul@worldnet.att.net>

Sent: Saturday, March 02, 2002 21:28 PM
Subject: A DOS problem while QRP Contesting!

I'm running TR-log from a DOS window --- and I cannot get the DOS-window to run in color! MY Windows 95 program runs in color but the DOS-window is in B and W.

The logging program operates in Color
and in fact, it was in color during the CQWW Contest last fall. But somehow my computer has "jumped" out of color mode for DOS.

Is there a simple trick to turn on color for the DOS window?

When I'm using WINDOWS, all the colors are there!

Please and thanks, 73 de alan

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Sat, 02 Mar 2002 23:14:23 -0800
From: "K7FD N7SG" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [121171] ARRL DX: Great Condx
Message-ID: <F1587hx27kBnccYTjr80000e408@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

With 86 entities worked in the contest, I'm hitting the hay. Whether I can pick up 14 new ones tomorrow to make DXCC in a weekend remains to be seen! With most of western euro and a good share of S. America already in the bag, it is going to be a challenge. The only 'real' dx worked so far has been A41LZ, and that was a struggle...9K2K was a no-go. But I'll need some more qso's in this part of the world to hit the magic 100...

73 John K7FD, K2/586 5w out...when I really shout...

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Sun, 3 Mar 2002 08:52:54 -0000
From: "G3MFJ" <g3mfj@btinternet.com>
To: <w5jay@alltel.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [121172] Re: ArkieCon new speaker!!
Message-ID: <00ac01c1c290\$d014fc80\$02010080@graham>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Jay Bromley" <w5jay@alltel.net>

> Hi QRP-L gang and others,

> Graham Firth, G3MFJ, will be attending ArkieCon again this year

> along with Rev. George Dobbs and Roy Lewallen!!

George & I will also be bring some G-QRP club goodies - books, logo items & a small stock of NJQRP Club Islander pad cutters. We can also take subscription renewals & sign up new members.

I hope to see you there.

72/3

Graham

G3MFJ

Date: Sun, 3 Mar 2002 11:02:29 -0000

From: "Ray Goff" <radioham@gmx.co.uk>

To: "QRL-L List" <qrp-l@Lehigh.EDU>

Subject: [121173] Koch Method CW Trainer

Message-ID: <FDEOKGEJJFNPABJJIJGDDCEJBDMAA.radioham@gmx.co.uk>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi,

Jim Stamper has made available a file of common words, which he credits to Bill Pierpont, N0HFF, and is part of Bill's book "The Art & Skill of Radio-Telegraphy." The book is about to be published by FISTS and contains an interesting chapter on Ludwig Koch.

I have now integrated this into my software, which now has the option to play a modified version of the file in random order. You can update the file to include any words you would like to be able to recognise, or you can delete words in the file.

To get the new version, which is 3.2.1, go to www.qsl.net/g4fon and follow the Koch CW Trainer link.

While you are there, take a second to look at the new version of my Portable Loop antenna and also the QRP Wattmeter.

73's de Ray g4fon

RSGB, BATC, GQRP-10698 QRP-L 2378
ray@g4fon.co.uk

Date: Sun, 03 Mar 2002 06:30:31 -0500
From: "George Reeves" <reeves@abraxis.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [121174] Atomic Clock
Message-ID: <3C820957.F5E49BAE@abraxis.com>
Content-Class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

*** Atlanta, GA *** NOGAQRP Interest

A word of warning to those interested in the Atomic Clock I showed at yesterday's NOGAQRP club...I must have been fortunate with my first clock: it worked as it should have. I bought two more after the meeting yesterday and neither worked properly---one would not sync to the NIST signal [though it appeared to keep the time correctly once it was manually set] and the other had some LCD segments that would not light. The clocks require 2 AA batteries, which are not supplied with the clock.

George Reeves
WA4TNU
QRP-L #2396

Date: Sun, 3 Mar 2002 04:57:33 -0800
From: "Sparky" <lou@harborside.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [121175] NortCal Cap Kit arrives in the back woods of OR
Message-ID: <002a01c1c2b2\$fdff0380\$61352d0c@oemcomputer>

Great job was done on the kit, well worth the price and the delay.

Keep up the great work.

CUL,

72 & 73 DE XE2EKK (Lou)
QRP # 10192, CQC # 646
iLink # 3550

Date: Sun, 3 Mar 2002 08:34:13 -0500
From: "N3BJ" <alanfryer@msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121176] FS: SST-30
Message-ID: <002c01c1c2b8\$1d5a1b20\$19e0c943@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale: Wilderness SST-30 in nice shape, works well, 2.5W out, with
complete original documentation.

\$75 shipped

Alan, N3BJ
Bent Mountain, VA

Date: Sun, 3 Mar 2002 08:58:25 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [121177] Re: Atomic Clock
Message-ID: <001701c1c2bb\$7e867b20\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an MFJ "atomic clock" which works quite well. Here in the middle of
the mitten it syncs with NIST most nights, although it never can hear WWVB
in the daylight.

In reading though the WWV survey results, however, it appears syncing with

WWVB is a problem as you go east, and nearly impossible in the Southeast. Sounds as if Hotlanta is on the ragged edge. It would be interesting to see if one of those clocks that don't sync could hear WWVB if they were in, say, Iowa or something.

Another thing I hadn't thought of, many folks indicated that locating their clock in a noisy area, like an office building, was a problem. That never occurred to me because I tend not to think of the clock as a radio. From the responses (and who knows how representative they are) it sounds as if these clocks are virtually useless in big eastern cities like NY and DC where you have a lot of noise and a weak signal.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "George Reeves" <reeves@abraxis.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, March 03, 2002 6:30 AM
Subject: Atomic Clock

> *** Atlanta, GA *** NOGAQRP Interest
>
> A word of warning to those interested in the Atomic Clock I showed at
> yesterday's NOGAQRP club...I must have been fortunate with my first
> clock: it worked as it should have. I bought two more after the meeting
> yesterday and neither worked properly---one would not sync to the NIST
> signal [though it appeared to keep the time correctly once it was
> manually set] and the other had some LCD segments that would not light.
> The clocks require 2 AA batteries, which are not supplied with the
> clock.
>
> George Reeves
> WA4TNU
> QRP-L #2396
>

Date: Sun, 03 Mar 2002 08:10:58 -0600
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [121178] Re: TX Project - Manhattan-style
Message-ID: <5.1.0.14.0.20020303080523.00a9e390@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Whoops!

Add a 10 ohm resistor and a 270 pf dipped mica capacitor to the parts list for the Mighty-Mite transmitter.

Sorry about that!

de Dave, NF0R nf0r@slacc.com

Date: Sun, 3 Mar 2002 08:15:51 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <aweiss@usd.edu>
Subject: [121179] Re: 30m 2002 DX so Far
Message-ID: <000901c1c2c6\$57946260\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

AMEN!

Do give 30m a try. For that matter let's try and turn 30m into the Premier QRP band!

An optimal 30m station as Ade has set up is not a requirement. Even a simple "compromise" setup can be effective. Check my latest MS-30 log for results to date:

http://www.radioactivehams.com/~n0rc/ms30/ms30_log.html

I'm only using an attic doublet, not more than 20ft at it's maximum elevation. For details on how I implemented my attic antenna look here:

<http://www.radioactivehams.com/~n0rc/antennas/antennas.html>

Sadly the MS-30 is no longer available, so please don't bug Steve to try and get one. There are many other fine 30m rigs to choose from: Elecraft, OHR, Small Wonder Labs, Wilderness Radio, and probably others, all have offerings. (And don't forget ICKY

and the other commercial rigs :-)) Also check "QRP Power", from ARRL for an article on the NE3040. Hbing a 30m is not difficult if you choose to go that route, and the NE3040 is easy to do.

GL, Hope to hear you on 30m soon.

73, Rod N0RC
Fort Collins, CO

----- Original Text -----

Subject: 30m 2002 DX so Far
From: Adrian Weiss (aweiss@usd.edu)
Date: Sun Mar 03 2002 - 03:34:17 EST

>
> Hi all:
>
>
> ...
> Give it a try!
>
> 72, Ade W0RSP
>

Date: Sun, 3 Mar 2002 10:45:49 -0500
From: "Larry Przyborowski" <k3peg@yahoo.com>
To: <njqrp@njqrp.org>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121180] Re: [NJQRP] Bklyn boy needs to cross river...
Message-ID: <000601c1c2ca\$7e0dcae0\$6401a8c0@longh101.md.comcast.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Vinny,
You asked "What is "Manhattan -style" construction? and what are the two CURRENTLY most popular methods of etching? (e.g. photo etching, nail polish, stick-ons, etc...)

Well...
See <http://www.qsl.net/k7qo> and <http://www.njqrp.org/qhbextra/7/7.html> for Manhattan construction info and pictures.

Go to Google.com and enter "PCB fabrication" You'll get a ton of links and there are a lot of methods for making PCBs.

73, Larry

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Sun, 03 Mar 2002 15:48:29 +0000 (GMT)
From: w2agn@pobox.com (John Sielke)
To: rod@n0rc.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121181] Re: 30m 2002 DX so Far
Message-ID: <3c8c43ba.83788783@smtp.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

On Sun, 3 Mar 2002 08:15:51 -0700, "Rod N0RC" <rod@n0rc.com> typed:

>AMEN!

>

>Do give 30m a try. For that matter let's try and turn 30m into
>the Premier QRP band!

>

>An optimal 30m station as Ade has set up is not a requirement.
>Even a simple "compromise" setup can be effective. Check my
>latest MS-30 log for results to date:

I'll say 30M is good. I was looking around for TI9M one evening last week, and heard a CQ from ZL1MH. We had about a 30 minute chat. He even went down to 5W for a 2XQRP contact. (I was running 4 watts from my Argonaut II). Just a trap dipole for 30-17-12 at 35'. I hear lots of Europeans and Russian stations every night around 0300-0400Z. (Must be a lot of insomniacs over there).

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Sun, 3 Mar 2002 11:06:50 -0500
From: "Brian B. Riley \(\N1BQ\) ListAcct" <n1bq_list@wulfden.org>
To: <sjolin@swbell.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121182] RE: Keyer question - Slow Vs Fast Keying - comment
Message-ID: <NLECJEINFMOPPBOKKBNEIELEDCAA.n1bq_list@wulfden.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Excuse me for being ignorant here , but was is the point of even sending it, if it is always 5NN?? Seems to me that the current process has been compromised. Too bad if its slows down their automatic loggers. If it takes longer to log a validly sent RST report then so be it. That more accurately reflects the process.

I am not so sure I will ever be quick/good enough to copy code in a contest at this level ... so I guess this is just an academic observation ...

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of Dave Sjolin
Sent: Tuesday, February 12, 2002 11:28 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Keyer question - Slow Vs Fast Keying - comment

Charles Mabbott wrote:

>
> Now I see why they always send 599 regardless just avoid
> this confusion..... 8^P

Many dont like it when you give a report other than 5NN as it requires going in a changing a field that is automatically filled in by the software. In effect any report other than 5NN slows them down.

Thats another reason big time testers will pull the higher speed ops out of a pileup rather than go to a louder slow op. Those sending at a higher speed are much less likely to give a 579 report and then ask for a repeat on their report.

On Sunday when activity slows, they will gladly work anyone at whatever speed.

73 de Dave, N0IT

Date: Sun, 3 Mar 2002 11:10:10 -0500 (EST)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>, <eax@w3eax.umd.edu>
Subject: [121183] Mongolia on 2 watts!
Message-ID: <Pine.LNX.4.44.0203031057550.12420-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wednesday morning, worked JT1C0 from the car on 20m at 2w.

1st time in 17 years on the air I've even heard Mongolia.

Good hunting,

Scott N7JI

--
Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Sun, 03 Mar 2002 09:24:10 -0700
From: Roy <marion@montana.com>
To: qrp-l@Lehigh.EDU
Subject: [121184] For Sale
Message-ID: <4.3.1.2.20020303090622.00a70a20@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

For sale:

Two OHR Explorer 11 rigs, one 30m, one 40m. Not built by me but checked out to be in good working order. NO TOP COVERS. Complete in all other aspects. \$55 dollars each shipped in CONUS.

One Wilderness NC40A. Built by me with great care. Has ten-turn pot VF0.

Has KC1. Has 4.5 watt output transistor mod, heat sinked.
Has Buzz-not noise blanker.
You can beacon with this one. Used less than two evenings. Built it for the fun/experience. In pristine condition. Over \$225 cost,
Yours shipped \$175.00.

Roy , AB7CE

Date: Sun, 3 Mar 2002 11:31:57 -0500
From: "Lee Mairs" <lmairs@cox.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [121185] Re: NortCal Cap Kit arrives in the back woods of OR
Message-ID: <005f01c1c2d0\$f0200160\$6401a8c0@cox.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Any of these kits shown up in the DC Metro area yet?
73 de Lee, km4yy

A man's hatred is always concentrated upon that which makes him
conscious of his bad qualities.
--Carl Gustav Jung

----- Original Message -----
From: "Sparky" <lou@harborside.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, March 03, 2002 7:57 AM
Subject: NortCal Cap Kit arrives in the back woods of OR

> Great job was done on the kit, well worth the price and the delay.
>
> Keep up the great work.
>
> CUL,
>
> 72 & 73 DE XE2EKK (Lou)
> QRP # 10192, CQC # 646
> iLink # 3550
>
>

>
>

Date: Sun, 3 Mar 2002 11:45:54 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121186] ugly??
Message-ID: <001901c1c2d2\$e2eba7e0\$29221c18@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

when building ugly style or whatever else it might be called, what do you use to glue the pads down?? I've used this method for a few things and I always have a problem with the "glue" , no matter what I use, softening up and moving the pads. Am I using too much heat or the wrong glue or what??
carl / kz5ca

Date: Sun, 3 Mar 2002 11:51:48 -0500
From: "Bob Wasylik" <kg4eca@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [121187] Selling, trading, looking.
Message-ID: <412002303165148690@earthlink.net>
MIME-Version: 1.0
Content-Type: text/html; charset=US-ASCII

<HTML><HEAD>
<META http-equiv=Content-Type content="text/html; charset=windows-1251">
<META content="MSHTML 6.00.2600.0" name=GENERATOR></HEAD>
<BODY>
<P>
<DIV></DIV>
<DIV>Good morning.</DIV>
<DIV> </DIV>
<DIV>I have a very nice A&A on 20 with all docs that I would like to sell or trade. Eventually would like to get a K-1 on at least 20 and 40. Maybe 30 and 15 if its a 4 band rig.</DIV>
<DIV> </DIV>
<DIV>Thanks and a good day to all.</DIV>
<DIV> </DIV>
<DIV>Bob</DIV>

<DIV> </DIV>
<DIV>--- Bob Wasylik</DIV>
<DIV>--- kg4eca@earthlink.net</DIV>
<DIV>--- God bless you and yours.</DIV>
<DIV>--- God bless America</DIV>
<DIV> </DIV>
<P></P></BODY></HTML>

Date: Sun, 3 Mar 2002 12:08:55 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <carlseye@tampabay.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [121188] Re: ugly??
Message-ID: <002b01c1c2d6\$1b32f9c0\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, you gotta be fast!!

Seriously, the glue is usually just a 'temporary' placeholder and usually isn't too strong. You shouldn't depend on it being a 'physical' restraint to the pad, just a temporary positioning assist. Once one wire is attached, the follow-up wires or devices will also have the first one holding it into position as well. But remember, almost no glue will hold if you let the whole pad significantly heat.

I suppose you could use a small dab of 'hot glue'. Or go to Wal-Mart to the sewing department. They sell 'tape' that is a hot glue designed to work with an iron and 'hem' pants or other cloth. That might work well too. It will be loose when you heat to solder, but once it cools, the pad would be held in place.

Mike

----- Original Message -----
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, March 03, 2002 11:45 AM
Subject: ugly??

> when building ugly style or whatever else it might be called, what do
you
> use to glue the pads down?? I've used this method for a few things and
I
> always have a problem with the "glue" , no matter what I use, softening
up
> and moving the pads. Am I using too much heat or the wrong glue or
what??
> carl / kz5ca
>
>

Date: Sun, 3 Mar 2002 12:14:45 -0500
From: "Larry Spinner" <n2icz@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121189] Re: 30m 2002 DX so Far
Message-ID: <OE14sgEiu2NtLQqMXKD0000a1a3@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You know, I never really give 30 meters the attention it deserves... I also
don't have that much experience with 30 meter propagation. What is 30 meter
propagation like, especially from the East coast? What can one expect
during the day versus evening...? (QRP, of course, and let's say a typical end
fed antenna scenario.....)

72 es 73,

Larry
N2ICZ

> >Do give 30m a try. For that matter let's try and turn 30m into
> >the Premier QRP band!

Date: Sun, 3 Mar 2002 12:16:33 -0500
From: "Larry Przyborowski" <k3peg@yahoo.com>
To: <ki6ds@dph.dpol.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121190] Norcal capacitor kit arrives

Message-ID: <003c01c1c2d7\$2af5e600\$6401a8c0@longhl01.md.comcast.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I received the capacitor kit a few days ago.
Wow! Nice bunch of caps.
Thanks to Doug and his assistants.

73, Larry (Glen Burnie, MD)

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Sun, 3 Mar 2002 12:20:13 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [121191] Re: ugly??
Message-ID: <003701c1c2d7\$af94b440\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Use cyanoacrylate glue, and be sure both sides are CLEAN!! Give it plenty of time to set, and don't get carried away with the slobbering iron. It also seems to be important not to use too much glue. If the pad wants to float away on a river of glue it seem to not want to stick. But a teeny drop does have amazing holding power.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, March 03, 2002 11:45 AM
Subject: ugly??

> when building ugly style or whatever else it might be called, what do you

> use to glue the pads down?? I've used this method for a few things and I
> always have a problem with the "glue" , no matter what I use, softening up
> and moving the pads. Am I using too much heat or the wrong glue or what??
> carl / kz5ca
>

Date: Sun, 3 Mar 2002 10:30:52 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [121192] Cub Fox Data
Message-ID: <Pine.LNX.4.33.0203031026390.1974-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You can look at the Cub Fox web page (just go to mine and click on cub) and it's up to date. The next Tuesday hunt will be the next to last so try to get it if you can. I will try yet again with my mobile at the School Board parking lot.

As you can see Fred VE3FAL in Onterio will be the Fox.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Sun, 03 Mar 2002 18:48:05 +0100
From: "Ingo, DK3RED" <dk3red@t-online.de>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [121193] Re: ugly??
Message-ID: <3C8261D5.3A5C7003@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Carl

Please see on Chuck's K7QO homepage at <http://www.qsl.net/k7qo/manhat.html> with a great article about the manhattan style and the right glue and the right technique.

--

72/73 de Ingo, DK3RED Don't forget: the fun is the power!
dk3red@t-online.de <http://www.qsl.net/dk3red>
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

Date: Sun, 3 Mar 2002 09:39:27 -0800
From: "blinn" <blinn@smgazette.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121194] Re: ugly??
Message-ID: <004701c1c2da\$6296e5c0\$d069f040@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Carl, I use "Super Glue", which seems to work well when the pad and the surface it is glued to is clean. I use a small piece of "Scotchbrite" to buff and clean both surfaces. Then, after spotting the point where the pad is to be glued, apply a SMALL dot of glue to the pad while holding it with a pair of tweezers. Carefully position the pad over the spot where it will be glued and press it into place with an awl or other small tool. Hold it in place using light pressure for a few seconds. I usually tin the pad immediately after sticking it in place. I've had a few come loose after repeated heating and cooling but not enough to disenchant me with the process.

Another method that I've recently started to use is cutting a circle through the copper to form a pad. NJQRP is selling a "Manhattan Pad Cutter" for use with a small drill press such as those sold for use with the Dremel Tool. Other options include fashioning one from a drill bit in the size that suits your purpose. This was my choice as it allows me to freehand the pads without the bit skittering around on the PC board.

I used my dremel to form the bit, cutting the bit down to leave a center point and a cutting edge on one-half of the bit. The down side to this method is that one must be cautious to remove all copper burrs that can cause bridges. Works for me.....

Regards
Bill - WA7TQK

--

Date: Sun, 03 Mar 2002 12:44:16 -0600
From: "George, W5YR" <w5yr@att.net>
To: n1bq_list@wulfdan.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121195] Re: Keyer question - Slow Vs Fast Keying - comment
Message-ID: <3C826F00.2B546942@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brian, a lot of contests are really quite old, some dating back to the 30's. I suspect that the original sponsors of these included the signal report as a piece of data that made sense to exchange and could be useful, etc. And in those days, the signal report was a valued part of every QSO. Most folks tended to use about the same caliber of gear and antennas and were generally of the same experience level if they were in the contest, etc. So, things sorta worked out, the contests were successful and useful and started a tradition of including a signal report in the exchange.

Nowadays, signal reports are widely variable among different operators with a broad spectrum of radios, antennas, experience, etc. As we all know, signal reports today are of little actual use unless the op at the other end is responding to a request for a "real" signal report. It is a shame, in a way, since an accurate signal report - if such a thing existed - would be a useful data point when evaluating a new radio or antenna.

One other point that I feel is frequently overlooked is that the requirement is usually stated for **a** signal report, as compared to **the** signal report. Hence the letter, if not the spirit, of the rule is followed by sending **any** signal report regardless of its accuracy or validity. In this day of memory and computer keyers and logging programs, **a** signal report has by default become simply "59" or "5NN".

One other function of the signal report in an exchange is that it acts as a place holder to help the op at the receiving end to follow the exchange in the event of QRM/QRN which could knock out parts of the exchange. Everything the Fox sends, other than the Hound's call at the start and again at the end of the exchange, is unnecessary and redundant since everyone already knows what will be sent. But it is sent each time for good and sufficient reasons.

At one time I argued for leaving out everything except the Hound's call, sent twice (for confirmation) in the manner of many DX pileups where the caller's callsign is only sent once. But, the more I participated in the Hunts, the more I came to rely upon the presence of all parts of the exchange to help me keep in step with the Fox, especially those that were -S1 most of the time.

Don't sell yourself short on the ability to copy contest exchanges. Even if it sounds like a blur of sound at first, you know the "script" and after listening to even a fast station a few times, you will find that you can begin to pick out more and more of what is being sent.

Again, though, the bottom line is that most contest rules require that *a* signal report be sent, not *the* signal report that might actually mean something.

72/73/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

"Brian B. Riley (N1BQ) ListAcct" wrote:

>
> Excuse me for being ignorant here , but was is the point of even sending it,
> if it is always 5NN?? Seems to me that the current process has been
> compromised. Too bad if its slows down their automatic loggers. If it takes
> longer to log a validly sent RST report then so be it. That more accurately
> reflects the process.
>
> I am not so sure I will ever be quick/good enough to copy code in a contest
> at this level ... so I guess this is just an academic observation ...

Date: Sun, 03 Mar 2002 19:18:13 +0000
From: Stewart Bryant <stewart.bryant@virgin.net>
To: "Ingo, DK3RED" <DK3RED@t-online.de>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121196] Re: [GQRP] Re: O.T. - Sprat C.D.
Message-ID: <3C8276F5.6757DACB@virgin.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I had the same problems and only managed to get it resolved when I actually telephoned them the second time. I had even taken the trouble to get my emails translated into German.

I then had a problem with the package itself. What they sell is not

a CD with a 100 .pdf files. It is some Borland database that accesses the files. The first problem that was that it will only install the user customisation that allows you to read the database from a floppy disk that is A:, which was a problem on my laptop because does not have a floppy installed.

I then tried a second PC and that had a problem with the installer and the anti-virus software having a fight. Eventually I got it to work.

These database front-end approaches to magazine archives are always a problem and never properly port from one version of the OS to another, so my inclination is to find a way to generate the .pdf files and forget the searchable database.

Stewart G3YSX

"Ingo, DK3RED" wrote:

```
> Hello Paul,
>
> > I know the club is not involved in this, but can anybody tell me how I
> > can buy the CD?
> >
> > Over the past couple of months I've been trying the Funk Amateur site (&
> > secure server) but I cannot connect (cgi script not recognised)
>
> The Funkamateur on http://www.funkamateur.de is the right place!
> Check the free fon call Funkamateur +49-800-73 73 800 .
> Hope it works also from outside Germany.
>
> P.S. In some day the "Funkamateur" will publish a new CD with the SPRAT
> #101-109.
>
> --
> 72/73 de Ingo, DK3RED    Don't forget: the fun is the power!
>    dk3red@t-online.de    http://www.qsl.net/dk3red
>    DL-QRP-AG #824        http://www.dl-qrp-ag.de
>
> === Via the mailing list of the GQRP Club www.gqrp.com ===
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
```

Date: Sun, 3 Mar 2002 13:19:40 -0600

From: "Joe Spencer" <kk5na@quadj.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [121197] QQ status + New Editor Named - Mike Goins, WB5YJX
Message-ID: <00d201c1c2e8\$5eb66ee0\$6601a8c0@joes>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

We again apologize for the delay in shipping the
January issue of QRP Quarterly.

We are going through some growing pains with the magazine and it has not
left the mailer as of March 1, 2002.
But it should be going out shortly. Again, I feel sure that you will enjoy
the issue when you get it. The look will be different than our Anniversary
issue of last year but features a clean look of a technical
journal.

On the good news front, we have a new editor - Mike Goins, WB5YJX, of 3030
Shadowbriar #225, Houston, Texas 77082. You can reach him via email at:
mgoins@usa.net Mike has great credentials as both an
editor and a QRP ham operator. You'll find more about him as time goes on.
By the way, he is ARCI #3922 so he has been around for a while.
Send Mike your contributions for the April issue ASAP. He'll get in what he
can and save the rest for July issue.

Thanks for your patience.

72

Joe KK5NA kk5na@quadj.com 817-572-2218
President - QRP ARCI <http://www.qrparci.org>

Date: Sun, 03 Mar 2002 12:28:32 -0700
From: Roy <marion@montana.com>
To: qrp-1@Lehigh.EDU
Subject: [121198] Keys for sale
Message-ID: <4.3.1.2.20020303120349.00a7a710@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Kent twin paddle key. Original box, lit., used twice. \$120 shipped conus

Bencher RJ-1 hand key, black base. Original box, lit., never used. \$75 shipped conus.

Roy AB7CE

Date: Sun, 3 Mar 2002 14:19:38 -0500
From: "Bob Wasylik" <kg4eca@earthlink.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [121199] For Sale
Message-ID: <412002303191938550@earthlink.net>
MIME-Version: 1.0
Content-Type: text/html; charset=US-ASCII

<HTML><HEAD>
<META http-equiv=Content-Type content="text/html; charset=windows-1251">
<META content="MSHTML 6.00.2600.0" name=GENERATOR></HEAD>
<BODY>
<P>
<DIV></DIV>
<DIV>I have two never used LDG QRP tuners. They are the LED models and I put
RF through each to verify status. They were commercially built by Milestone
Technologies. I have one matching baulin kit (unbuilt). I have decided to try for
a K-1.</DIV>
<DIV> </DIV>
<DIV>Thanks, Bob</DIV>
<DIV> </DIV>
<DIV>--- Bob Wasylik</DIV>
<DIV>--- kg4eca@earthlink.net</DIV>
<DIV>--- God bless you and yours.</DIV>
<DIV>--- God bless America</DIV>
<DIV> </DIV>
<P></P></BODY></HTML>

Date: Sun, 03 Mar 2002 12:52:27 -0700
From: Roy <marion@montana.com>
To: qrp-1@Lehigh.EDU
Subject: [121200] AEA dx handy For Sale
Message-ID: <4.3.1.2.20020303123003.00a70670@mail.montana.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

AEA (mizuho) 10mtr hand held. Excellent condition, sold to me by Mr. AEA himself, Mike Lamb. Present crystals cover 100khz

of
tecnnician portion of ten meters. Can be changed for any coverage by changing crystals. We all know what a few watts on

10mtrs can do. Manual and schematic. \$110 shipped conus. Roy AB7CE

Date: Sun, 3 Mar 2002 15:17:35 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <w6toy@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121201] Re: 40673's
Message-ID: <20020303201857.NRYQ27903.imf24bis.bellsouth.net@[192.168.0.21]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 2/28/02 5:38 PM, Bruce Muscolino at w6toy@erols.com wrote:

>The reason you could not find them is they have been discontinued for
>many years now! They were a nice part but the technology surpassed
>them!

What is used instead of 40673's?

I've never seen an explanation why dual-gate MOSFETs have moved into disfavor.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Sun, 3 Mar 2002 20:33:52 -0000
From: "John Fletcher" <johnf@innotts.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [121202] Re: ugly??
Message-ID: <04de01c1c2f2\$dae06de0\$0100007f@daisy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello all,

I use "super glue" and abrade both surfaces with a special abrasive rubber block designed for removing the tarnish from exposed copper tracks. I've had problems with pads becoming detached when I've soldered straight-leaded components to them. The component is still quite hot when the solder solidifies. As it cools further it contracts, putting considerable sideways force on the glue joint and sometimes breaking it. Now I always make sure there's at least a slight bend in one lead, which will straighten during contraction without putting too much force on the glue joint. I'm currently building a 2N2/40 this way. The receiver is working well. When I get the time I'll finish it, but I don't suppose it will be soon enough for a certificate.

72,

John G4EDX

Date: Sun, 03 Mar 2002 16:34:00 -0500
From: brickle <brickle@pobox.com>
To: qrp-l@lehigh.edu
Subject: [121203] Re: 30m 2002 DX so Far
Message-ID: <3C8296C8.CC7540EF@pobox.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

>...What is 30 meter
> propagation like, especially from the East coast? What can one expect
> during the day versus evening...?

A sampling of recent 30m QSOs from 50mi west of NYC,

all after 9 PM local:

ZB2FK
EA6BB/QRP
EA8/DJ3XD
F5PVI
DL3BUE
S51UF
IK2YXT
MD/DL5LYM
UU7JS
OK1FLK
KH6AP
9A2YM

...

Daytime results similar, especially late afternoon. No Asia or South Pacific.
That's what 15m is for :-)

Frank
AB2KT

Date: Sun, 03 Mar 2002 13:50:28 -0800
From: "K7FD N7SG" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Cc: elecrafft@mailman.qth.net
Subject: [121204] ARRL DX: 100!
Message-ID: <F3glF1Z3piZd1SNCjzz000052d2@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Rig: K2/586, 10w PEP (not ARRL QRP)
Ant: 3 el Cubex Quad at 60'
Mic: Heil Pro Set, Icom SM-20
Op: K7FD, John

Soap: What a thrill to finally log my 100th DXCC entity in the contest with a FM5BH qso. At about the '85 worked' level, I was a bit concerned I had qso'd 'everything out there' as far as new countries. But one by one, new ones appeared on the bands (and the cluster). My original goal was to make 100 SSB qso's...what a surprise to end up working DXCC in a weekend! Once I had DXCC in my sights, I concentrated on counters and passed by easy qso's...keeping my total somewhat low.

Log follows, I hope it retains the formatting. Sometimes the spaces disappear!

73 John K7FD
www.hamhobby.com

CALL	DATE	UTC	MHz	DXCC
JR3NZC	020302	0146	15	1
JA0BMS/1	020302	0147	15	
ZF2MM	020302	0149	15	2
VP5A	020302	0150	15	3
VP5WW	020302	0154	15	
P40A	020302	0155	15	4
PJ4G	020302	0158	15	5
LU1NF	020302	0203	15	6
FY5KE	020302	0207	15	7
PY2NDX	020302	0208	15	8
TI5/VE7CC	020302	0211	15	9
V31MF	020302	0212	15	10
JR8VSE	020302	0219	15	
JA8RWU	020302	0220	15	
JA6GCE	020302	0220	15	
JH7LRS	020302	0221	15	
EX8AA	020302	0230	15	11
KL7RA	020302	0231	15	12
KH7R	020302	0234	15	13
OH6RX	020302	0238	15	14
JH7PKU	020302	0254	15	
RZ0IWR	020302	0255	15	15
7K4QJF	020302	0256	15	
JA6GCE	020302	0257	15	
JH2AMH	020302	0257	15	
JR1MQT	020302	0258	15	
JM1LPN	020302	0259	15	
JL3VUL/3	020302	0259	15	
UA0FDX	020302	0300	15	
JH4UYB	020302	0301	15	
JR2DOL	020302	0301	15	
JH9URT	020302	0302	15	
BA4DX	020302	0307	15	16
SK3W	020302	0342	20	17
SM0W	020302	0347	20	
EA8BH	020302	0349	20	18
OH8L	020302	0350	20	19
JA7YAA	020302	0356	15	
JA1YFG	020302	0357	15	
JA1YXP	020302	0358	15	
JA3USA	020302	0401	15	
JA9VOK	020302	0401	15	

JA3YBK	020302	0402	15	
JA7BJS	020302	0403	15	
JR1GMK	020302	0404	15	
JI2KVV	020302	0405	15	
JA1YNE	020302	0406	15	
JR2TQG	020302	0408	15	
JO2AXB	020302	0410	15	
JI1NJC	020302	0410	15	
JA8JCJ	020302	0412	15	
JK6SEW	020302	0415	15	
JA1ELY	020302	0416	15	
7K4XNN	020302	0418	15	
JA2FSM	020302	0419	15	
JA2YKA	020302	0421	15	
EY8MM	020302	0426	15	20
OH7MM	020302	0441	20	
9Y4VU	020302	0446	20	21
WP2Z	020302	0450	20	22
VP2E	020302	0456	20	23
XE2RGO	020302	0500	20	24
TI8/K4QFF	020302	0505	20	
OA4O	020302	0520	20	25
HI3/K1CX	020302	0522	20	26
RU1A	020302	0533	20	27
LY7Z	020302	0534	20	28
YL7A	020302	0538	20	29
9A1A	020302	0539	20	30
YT7A	020302	0540	20	31
OM5M	020302	0546	20	32
RV3FF	020302	0548	20	
OH4A	020302	0548	20	
SN800R	020302	0549	20	33
OH5LF	020302	0551	20	
5B4/R3CC	020302	0557	20	34
IQ4N	020302	0600	20	35
S51CK	020302	0612	20	36
DL6RAI	020302	0615	20	37
RI3A	020302	0616	20	
OH0B	020302	0620	20	38
CT9M	020302	0622	20	39
OM0M	020302	0624	20	
LA2Z	020302	0626	20	40
IQ4T	020302	0637	20	
HB9CAT	020302	0638	20	41
DK0NB	020302	0640	20	
DJ6QT	020302	0640	20	
UZ5U	020302	0643	20	42
OZ8ABE	020302	0708	20	43

OE5CNL/5	020302	0714	20	44
G6PZ	020302	0720	20	45
SP7GIQ	020302	0725	20	
EA5DFV	020302	0726	20	46
ON4AEK	020302	0727	20	47
HG1S	020302	0730	20	48
M0SDX	020302	0734	20	
VK4UC	020302	0747	20	49
OL7R	020302	0755	20	50
DU9RG	020302	1409	20	51
9V1UV	020302	1409	20	52
4W6MM	020302	1413	20	53
6D2YFM	020302	1417	20	
JH7DNO	020302	1419	20	
DX1DBT	020302	1425	20	
DU1EIB	020302	1447	20	
ES5RW	020302	1522	15	54
CT1GPQ	020302	1523	15	55
HA3NU	020302	1526	15	
I02A	020302	1529	15	
RW2F	020302	1536	15	56
OK1RI	020302	1540	15	
EI8GS	020302	1547	15	57
SP5GRM	020302	1554	15	
EA6SX	020302	1558	15	58
LX2AJ	020302	1754	10	59
LZ1NG	020302	1755	10	60
PA5MW	020302	1804	10	61
F8AAN	020302	1810	10	62
GM4YXI	020302	1822	10	63
GI0KVQ	020302	1849	10	64
PJ2K	020302	1859	10	
C02TK	020302	1901	10	65
HR3J	020303	0010	15	66
JA2KSI	020303	0022	10	
UA0FF	020303	0024	10	
RA0FN	020303	0028	10	
ZP6T	020303	0031	15	67
V47KP	020303	0034	15	68
J6/G3TBK	020303	0035	15	69
6Y8Z	020303	0050	15	70
J37LR	020303	0051	10	71
9M6A	020303	0116	10	72
YV4GLD	020303	0119	20	73
V26S	020303	0122	15	74
CX5BW	020303	0135	15	75
BD5RI	020303	0151	10	
T04T	020303	0210	15	76

HK3JJH	020303	0231	15	77
JT1BV	020303	0239	10	78
LT1F	020303	0243	15	
UN7JJ	020303	0304	15	79
VK5GN	020303	0329	15	
YC9WZJ	020303	0336	10	80
CE4P	020303	0346	10	81
VK2CZ	020303	0350	10	
A41LZ	020303	0359	10	82
UA6LV	020303	0456	15	
ZL1ANJ	020303	0518	15	83
8R1AK	020303	0532	15	84
EK8WA	020303	0610	20	85
HL3G0B	020303	1538	20	86
TA3ET	020303	1549	10	87
OY9JD	020303	1551	10	88
EU1SA	020303	1602	10	89
HP3XBS	020303	1621	10	90
T92D	020303	1623	10	91
4X6HI	020303	1629	10	92
HC1HC	020303	1719	10	93
FS/KT8X	020303	1842	10	94
CU2AF	020303	1917	10	95
NP3X	020303	1934	10	96
V51/SP6IXF	020303	1944	10	97
8P6SH	020303	2011	10	
PW0T	020303	2015	10	98
SV1DPI	020303	2029	15	99
FM5BH	020303	2050	15	100

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Sun, 3 Mar 2002 16:43:07 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121205] coax
Message-ID: <019401c1c2fe\$102ab2c0\$29221c18@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I seem to have lost my list of coax cable suppliers and now I need a few feet of teflon coax the same size as RG174. who knows where to find it???

carl / kz5ca

Date: Sun, 3 Mar 2002 14:46:33 -0500
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [121206] On the air again . . . and that TDA1072 thing
Message-ID: <20020303.165027.-419943.1.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Y'all,

Well, I cleaned off the desk, put all the floating deteriorata in a big bag & then spent the last two days starin' at the chunks of circuit board material that I have been thinkin' of using to build that TDA1072 receiver thingie . . . and waitin' on some more of 'em to show up so I can blow those up too.

Then, this morning, after a huge cup of coffee, two slices of toast & going out to refill cat-food feeder, I sat here and drew out (again) the board lay-out I was gonna use. Then I looked out the window at the cat-food flyin' in to get the food I just put out & decided I don't wanna go out in the outhouse cold to make little pads on some circuit board material.

I decided to get on the air!

What a concept! I think I'll do that again. Had a nice chat with Tom (WZ8S) up in Holland, MI. He was runnin' 10W on a Icom radio. Half-way through the Q, somebody starts to tune up next to us. Now, the SG2020 is a nice radio, but it ain't got them flitters like the K2 does. So I changed from the SGC radio to the Elecraft radio & all was well in tune-up town again.

Maybe I don't need to add more radios to this room.

Yeah, right.

73 & likely see youse on the air . . . 'scuse me, I gotta play radio now.

Nils

Nils R. Bull Young -- El Gringo Errante --
La Estancia de los Guajolotes Sonrientes -- W8IJN --
<http://w8ijn.tripod.com>
"The island is closer than your memories are." -- Ian G. Bull Young, 11
Feb 2002

GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/web/>.

Date: Sun, 3 Mar 2002 16:53:12 +0000
From: ve3ab@mail.mondenet.com
To: qrp-1@Lehigh.edu
Subject: [121207] Discone Summary..tnx to all who responded(VHF/UHFQRP)
Message-ID: <200203032201.g23M19216055@genesis.dmz.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Tnx to all the guys who responded to my post.
Ill do a summary of findings:
1) this discone might have a null in its pattern near zero degs.
(might work better if tilted off center a bit)..Ill have to try that
out.
2) All hardware must be tightened down correctly to maximize
its rigidity. This Discone might have some mechanical weaknesses.
3) Seems to be a relatively good performer on 2 mtrs especially.
The snow is almost gone here now up in Ontario Canada and the
weather is above freezing so im going to put the discone up the tower
soon ..and ill brief the group. Here I have 6mtrs(TT tranverter) and
2mtr and 440 mtr multimode (I did a small repair on this rig TS780
and works fb now-it cost me only \$175). So Ill put it through its
paces on these bands. I also have yagis to play with as well..all
about 10 watts output.
If anyone wants to try some skeds on the VHF/UHF bands let me know.
Im about 70 miles north of upper NY state and can hear 2 mtr
repeaters across the border..73 Earl VE3AB

Date: Sun, 3 Mar 2002 17:02:21 -0500
From: "Harold Smith" <harold.smith1@worldnet.att.net>
To: <aa4lr@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121208] Re: 40673's

Message-ID: <003901c1c2ff\$1898ca40\$8609550c@tinker>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What moved into disfavor more than anything was the T072 package. In the commercial world, the biggest use for dual gate MOSFETs was TV tuners, and it remains so today. The devices are still made by the millions for that use, but nowadays only in surface mount packages. You might be able to find some still in the 4 lead pill packages, such as some of the MMICs use.

The 40673 was a proprietary RCA device, and RCA long ago quit making any kind of small signal transistors. The only sources I know of currently for dual gate MOSFETs are European and Japanese semiconductor makers. Siemens (whatever they're called now), Philips, Toshiba, Hitachi all show DGFETs in their catalogs, all in surface mount packages. So they still exist, but are hard to get in small quantities, and hard to build with without a printed circuit.

Sometimes they can be gotten through the outlets that sell primarily to repair shops, such as MCM or Dalbani. They ought to have the pill packaged ones, too, but the T072 parts have been gone a long, long time, and are only available sporadically.

de KE6TI, Harold

----- Original Message -----

From: "Bill Coleman" <aa4lr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, March 03, 2002 3:17 PM
Subject: Re: 40673's

> On 2/28/02 5:38 PM, Bruce Muscolino at w6toy@erols.com wrote:
>
> >The reason you could not find them is they have been discontinued for
> >many years now! They were a nice part but the technology surpassed
> >them!
>
> What is used instead of 40673's?
>
> I've never seen an explanation why dual-gate MOSFETs have moved into
> disfavor.
>
>
>
> Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net


```
> Quote: "Not within a thousand years will man ever fly!"
>      -- Wilbur Wright, 1901
>
```

Date: Sun, 03 Mar 2002 15:51:07 -0700
From: "Tom Little" <n0dsp@msn.com>
To: qrp-l@Lehigh.EDU
Subject: [121209] Oscilloscope Elmer needed in the Denver area! (I'll bring Lunch!)

Message-ID: <F4dUTaGmvSVMum03yMJ00006177@hotmail.com>
Mime-Version: 1.0
Content-Type: text/html

[illegible]

Date: Sun, 3 Mar 2002 18:04:46 -0500
From: "N3BJ" <alanfryer@msn.com>
To: "Low Power Amateur Radio Discussion" <grp-l@Lehigh.EDU>

Subject: [121210] SST-30 Sold
Message-ID: <001e01c1c307\$d1e4ba60\$0147d043@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all who responded - the SST-30 has been sold.

Alan, N3BJ
Bent Mountain, VA

Date: Sun, 03 Mar 2002 18:41:32 -0500
From: "George Reeves" <reeves@abraxis.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [121211] Open Wire Transmission Line
Message-ID: <3C82B4AC.E7DB9B74@abraxis.com>
Content-Class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

All my life I have used coax to feed my dipole antennas. Consequently, I have not operated on some of the bands, particularly the WARC bands, because I didn't have a dipole for the band. I am seriously considering using open-wire feeders with an antenna tuner.

I would appreciate any suggestions for routing the feeders into the shack. My shack is on the ground floor and has access to a window where the feeders could be routed. My question, for example, would be: should I use feed-thru connectors through a sheet of plywood? or how else?

Thanks for any suggestions.

George
WA4TNU

Date: Sun, 3 Mar 2002 17:58:58 -0600
From: "KD5NWA" <KD5NWA@mbayona.com>
To: "QRL-L" <qrp-l@Lehigh.EDU>
Subject: [121212] Help on setting up my first station.

Message-ID: <009e01c1c30f\$675f2920\$0100a8c0@seglio>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all for your replies, I ended up buying a Tentec Corsair for \$300 at a nearby hamfest (120 miles while having a snowstorm), anyway the radio is like new, and sounds very good. The only problem it has is that it doesn't have a CW filter.

You can get a 500 Hz, and a 250 Hz filters, so which one should I get? Should I get both? I have been playing with a OHR Explorer and it seems to sound very good when the filter is set somewhere between 350 Hz and 200 Hz, but some of you that have owned Tentec equipment can better advise me.

Thanks

Cecil
KD5NWA

Date: Sun, 3 Mar 2002 18:53:47 -0500
From: "Jeff Davis" <n9avg@att.net>
To: <reeves@abraxis.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121213] Re: Open Wire Transmission Line
Message-ID: <010a01c1c30e\$a9ef8650\$9800a8c0@N9AVG>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello George.

I have had excellent results by drilling two small holes in the sill of window such that I can insert two long, machined bolts. Something like a 2.5 inch long by 10-24 thread. I put nuts and washers on both sides which allows me to attach the ladder line with ring terminals on either side. With it all tightened down and ladder line on the inside with ring terminals on those long bolts it makes for a clean installation and it works well.

Where I drilled the holes is easily covered by the drapes so the XYL doesn't have to see anything too ugly and when we move out of here I can either take the bolts out and fill things in with a little putty or let the next owners try and figure out what the heck those two long

bolts going through the window sill were for!

Good luck, I think that you will like going to an open wire feed system.

72/73 de Jeff, N9AVG

----- Original Message -----

From: "George Reeves" <reeves@abraxis.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, March 03, 2002 6:41 PM

Subject: Open Wire Transmission Line

All my life I have used coax to feed my dipole antennas.

Consequently,

I have not operated on some of the bands, particularly the WARC bands, because I didn't have a dipole for the band. I am seriously considering using open-wire feeders with an antenna tuner.

I would appreciate any suggestions for routing the feeders into the shack. My shack is on the ground floor and has access to a window where

the feeders could be routed. My question, for example, would be: should

I use feed-thru connectors through a sheet of plywood? or how else?

Thanks for any suggestions.

George
WA4TNU

End of QRP-L Digest 2483

